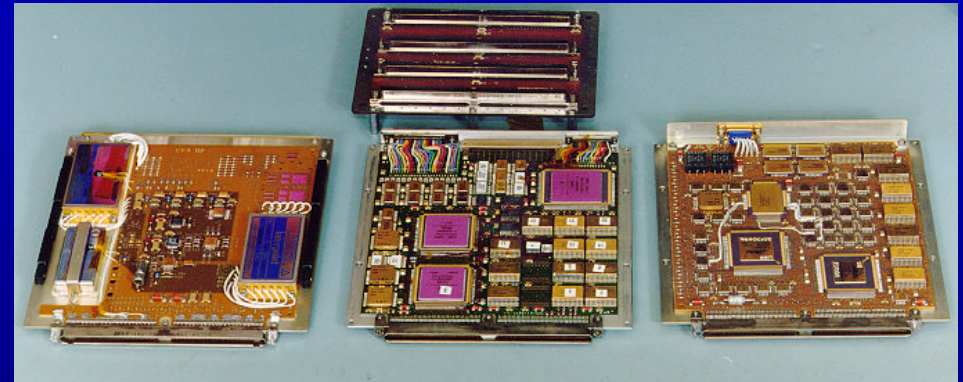




COMPUTATIONAL HUB

- Description
 - A high performance space qualified Command and Data Handling System
- Objectives/Benefits
 - Architected with industry standard PCI bus interface
 - Allows for ease of development of custom C&DH and instrument interfaces
 - Quad High Speed Serial Interface (max. 20 MBPS)
 - Increased Downlink and Uplink data rates
 - 4 MHz Downlink & 4 KHz Uplink
 - 1553b Bus Interface
 - compatible with many spacecraft and instrument components
 - Low Power Mode
 - System clock scalable from 2.5 Mhz to 20 Mhz
 - Bulk Memory scalable from 1.6 Gbit to 6.4 Gbit with EDAC
 - 4 UARTS
 - Pegasus Interface, Receiver Interface, Transmitter Interface



COMPUTATIONAL HUB BOARDS

GSFC developed to be transferred to industry for commercialization 4Q 97
4KX9 Rad-Hard FIFOs developed with Lockheed Martin currently available as catalog item